

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)  
San Juan, Puerto Rico

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:  
MONTH YEAR  
April 2012

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE  
Althea Austin-Smith,  
Service Hydrologist  
DATE  
05/15/2012

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

☐ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Summary: The San Juan ASOS reported 5.30 inches of rain for the month of April; 0.62 inches greater than the normal of 4.68 inches. The ASOS rainfall report from Cyril E. King Airport in St. Thomas was 2.61 inches for the month of April; 0.13 inches less than the normal of 2.74 inches.

*"A generally fair and mainly dry weather pattern prevailed across the forecast area the first week of the month with just light morning showers across the windward side of the local islands and limited afternoon convection across the interior and western portions of Puerto Rico. By mid-month, shower intensity and coverage increased across the local islands due to a cold front which combined with a mid to upper level trough. By the end of the month, another round of fair weather conditions prevailed across the local islands with unseasonably warm temperatures between April 22nd and April 24th."*  
Please see (<http://www.srh.noaa.gov/sju/?n=apr2012cr>) for April's Climate Report.

Rainfall amounts for the month were in the near normal range which equated to some minor to moderate rises on rivers and streams across the forecast area. The heaviest rainfall occurred around the beginning and the middle of the month, which resulted in some localized flooding on the streams and rivers, especially those whose headwaters are in the central and western interior sections of Puerto Rico. There were no reports of flooding across the U.S. Virgin Islands during this month. *(The details of the crests can be found in [April's Flood Stage Report](#).)*

The approximate amounts of Hydrologic Products issued during the month of April are as follows:

Non-Routine Hydrologic Products Issued:	Approximate number of Products for the month
Hydrologic Outlooks (SJUESFSJU)	0
Flood Watches (SJUFFASJU)	0
Flood Warnings (SJUFLWSJU)	3
Flash Flood Warnings (SJUFFWSJU)	0
Flash Flood Statements (SJUFFSSJU)	0
Urban/Small Stream Flood Advisories (SJUFLSSJU)	89

## Local Storm Reports for April 2012

..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
..DATE...	....MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		
0550 PM 04/05/2012	HEAVY RAIN E0.00 INCH	QUEBRADILLAS QUEBRADILLAS	18.48N 66.94W PR EMERGENCY MNGR
	MINOR FLOODING IN EIGHT HOMES IN BARRIO SAN ANTON DUE TO POOR DRAINAGE.		
0948 PM 04/05/2012	FLOOD	QUEBRADILLAS QUEBRADILLAS	18.48N 66.94W PR EMERGENCY MNGR
	A HOUSE IN QUEBRADILLAS IN BARRIO SAN ANTONIO HAD AN ESTIMATED 4 FEET OF FLOOD WATERS INSIDE. THE RESIDENT OF THE HOUSE HAD TO BE HELPED OUT OF THE RESIDENCE.		
0430 PM 04/13/2012	FLOOD	GUAYANILLA GUAYANILLA	18.02N 66.79W PR TRAINED SPOTTER
	ROAD 2 BETWEEN GUAYANILLA AND PENUELAS WAS REPORTED FLOODED.		
0430 PM 04/13/2012	FLOOD	VEGA ALTA VEGA ALTA	18.42N 66.32W PR EMERGENCY MNGR
	ROAD 2 WAS REPORTED FLOODED DUE TO QUEBRADA HONDA OUT OF ITS BANKS.		
0857 PM 04/13/2012	FLOOD	YAUCO YAUCO	18.04N 66.86W PR NEWSPAPER
	A 24 YEAR OLD WOMAN AND HER TWO CHILDREN, TWO AND THREE YEARS OLD WERE RESCUED DUE TO BARRANCHIN CREEK OUT OF ITS BANKS AT ROAD 335, KM 1.0 ALSO, A 66 YEAR OLD MEN HIS CAR WAS STRANDED IN FLOOD WATERS AT ROAD 335, KM 0.9 AT BARRIO BARINAS. HE ALSO WAS RESCUED.		
0800 PM 04/14/2012	HEAVY RAIN U0.00 INCH	UTUADO UTUADO	18.27N 66.71W PR EMERGENCY MNGR
	MUDSLIDES TRIGGERED BY HEAVY RAINFALL ACROSS UTUADO. EM REPORTED MUDSLIDES ON ROAD 111 KM 4.6 AND 5.4, ROAD 140 KM 14, ROAD 611 IN SABANA GRANDE NEIGHBORHOOD AND IN ROAD 123 RIO ABAJO NEIGHBORHOOD SECTOR 315 WHERE SEVERAL HOUSES ARE AFFECTED BY THE IMPASSABLE ROAD.		

For monthly "radar totals" use the archive of the Advanced Hydrologic Prediction Service (AHPS) - click on the Precipitation interface for San Juan, Puerto Rico and request the duration you would like to view...daily or monthly remembering that the 24 hour totals are from 12z – 12z (8am to 8am in PR) - [AHPS archive of radar totals/ images](#). Here are the [April 2012 totals](#).